

**REPLACEMENT SHEET**  
U.S. patent application serial No.: 09/924,140  
Title: DCT/IDCT with Minimum Multiplication  
Inventors: He Ouyang, et al.  
Atty. Docket No.: 22682-06189

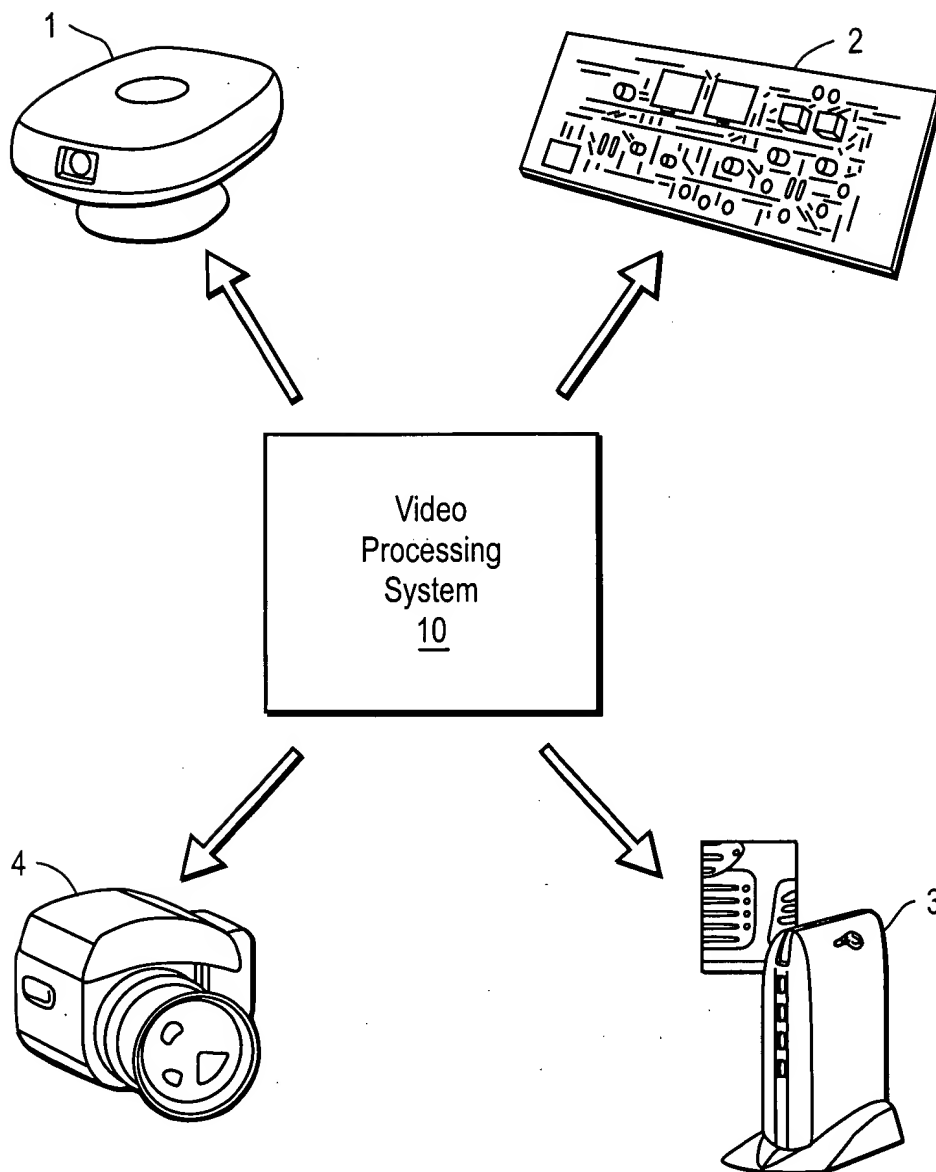
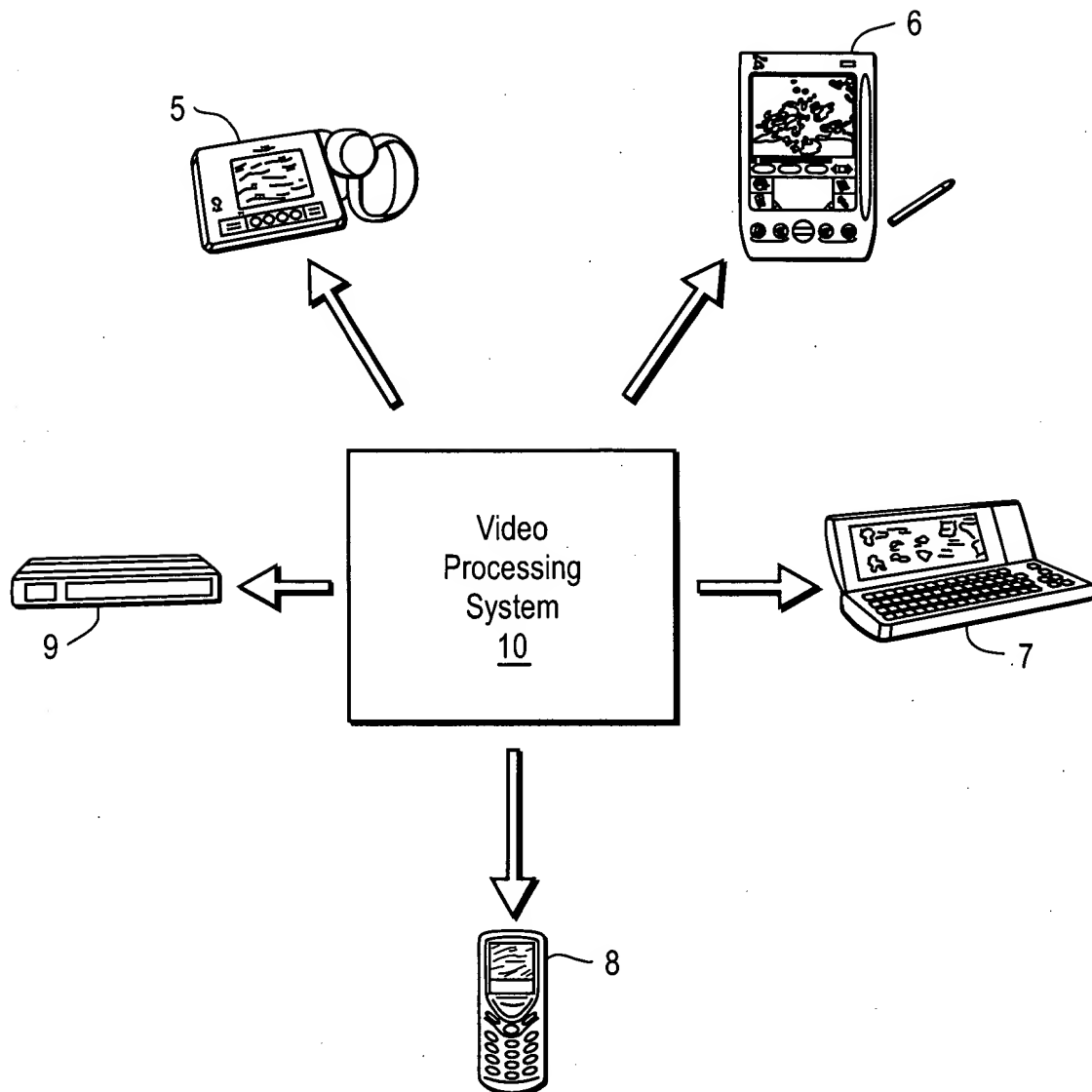


FIG. 1A



**FIG. 1B**

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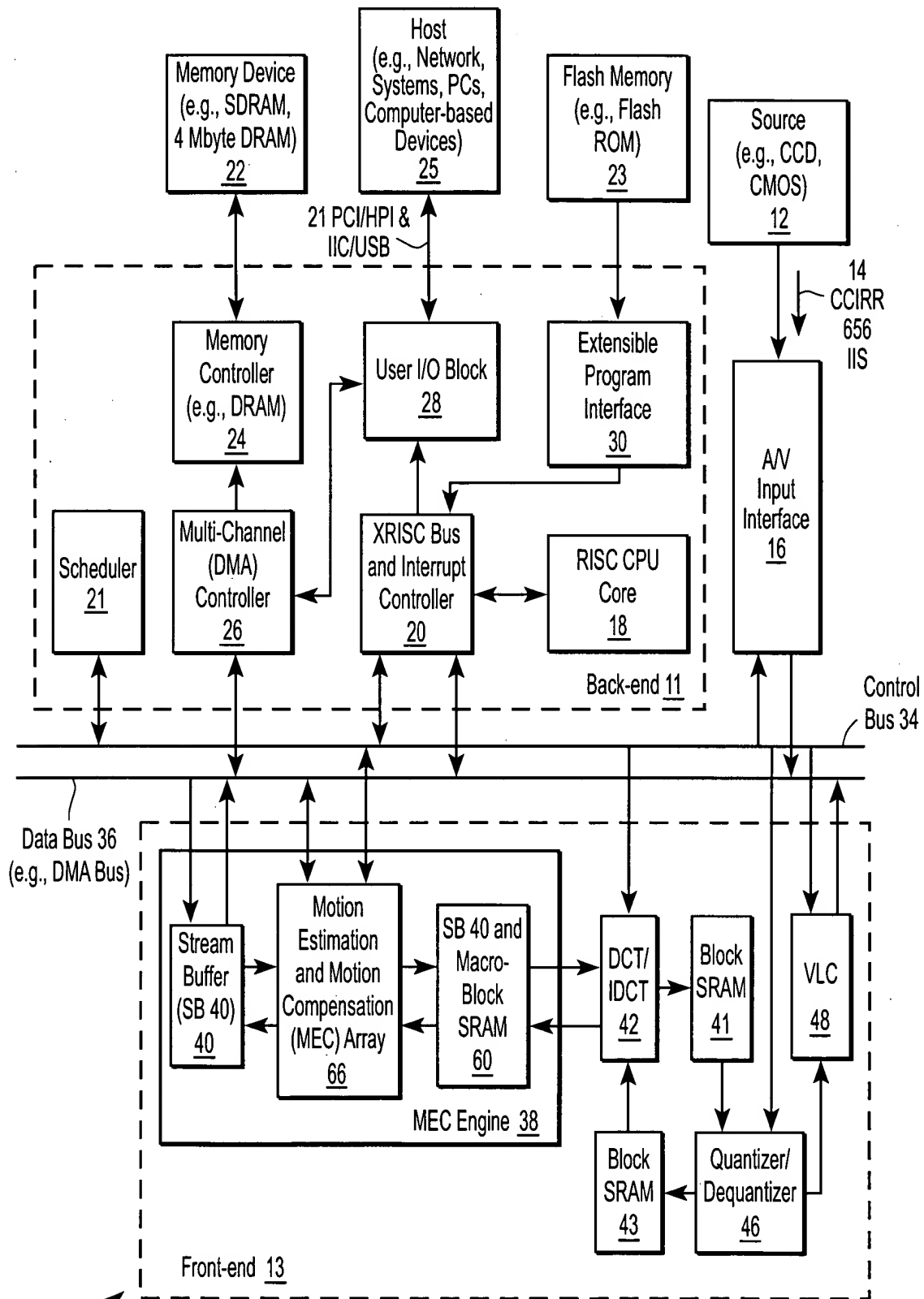
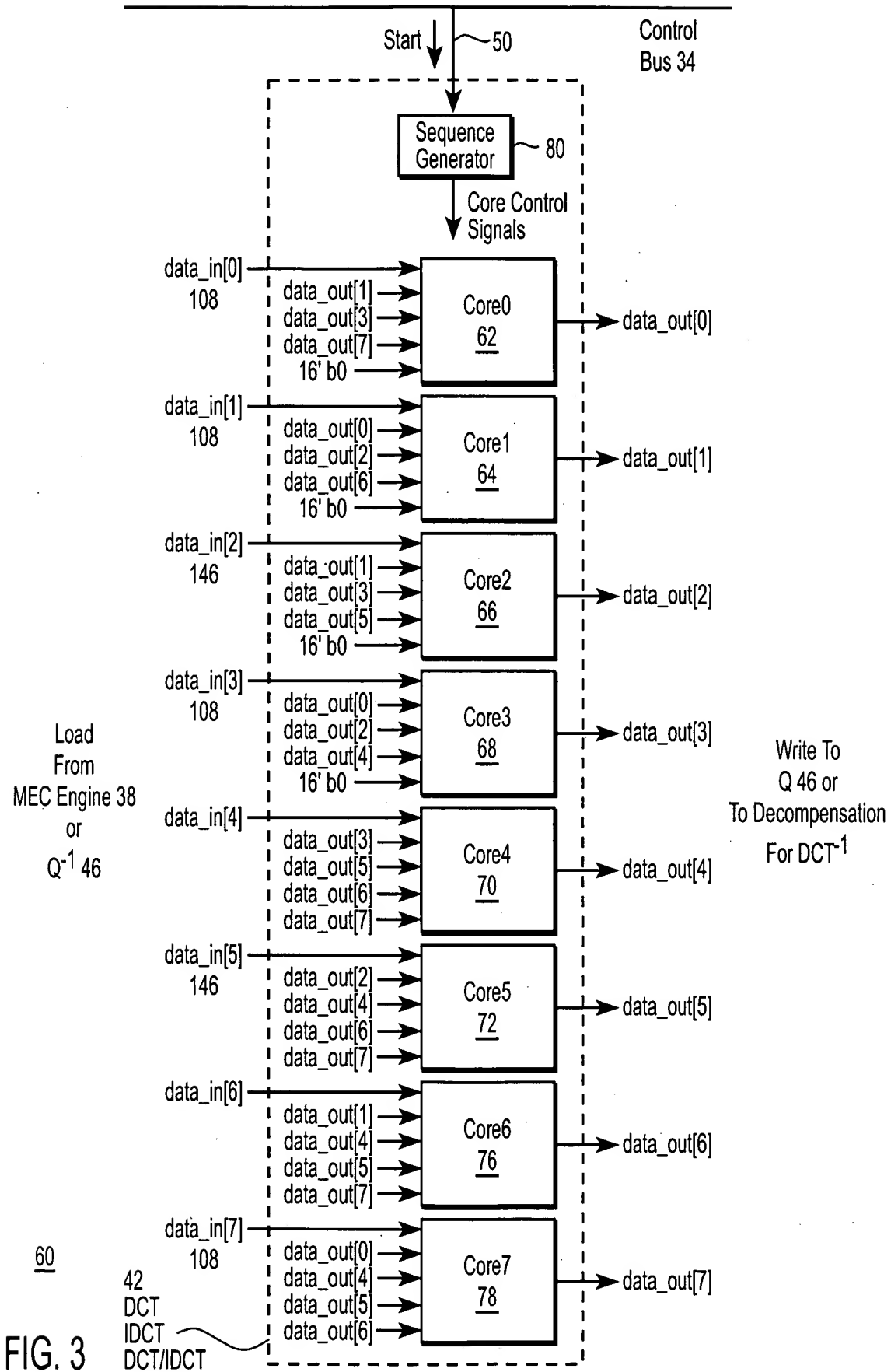


FIG. 2

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Datapath of core0,core1,core3,core7

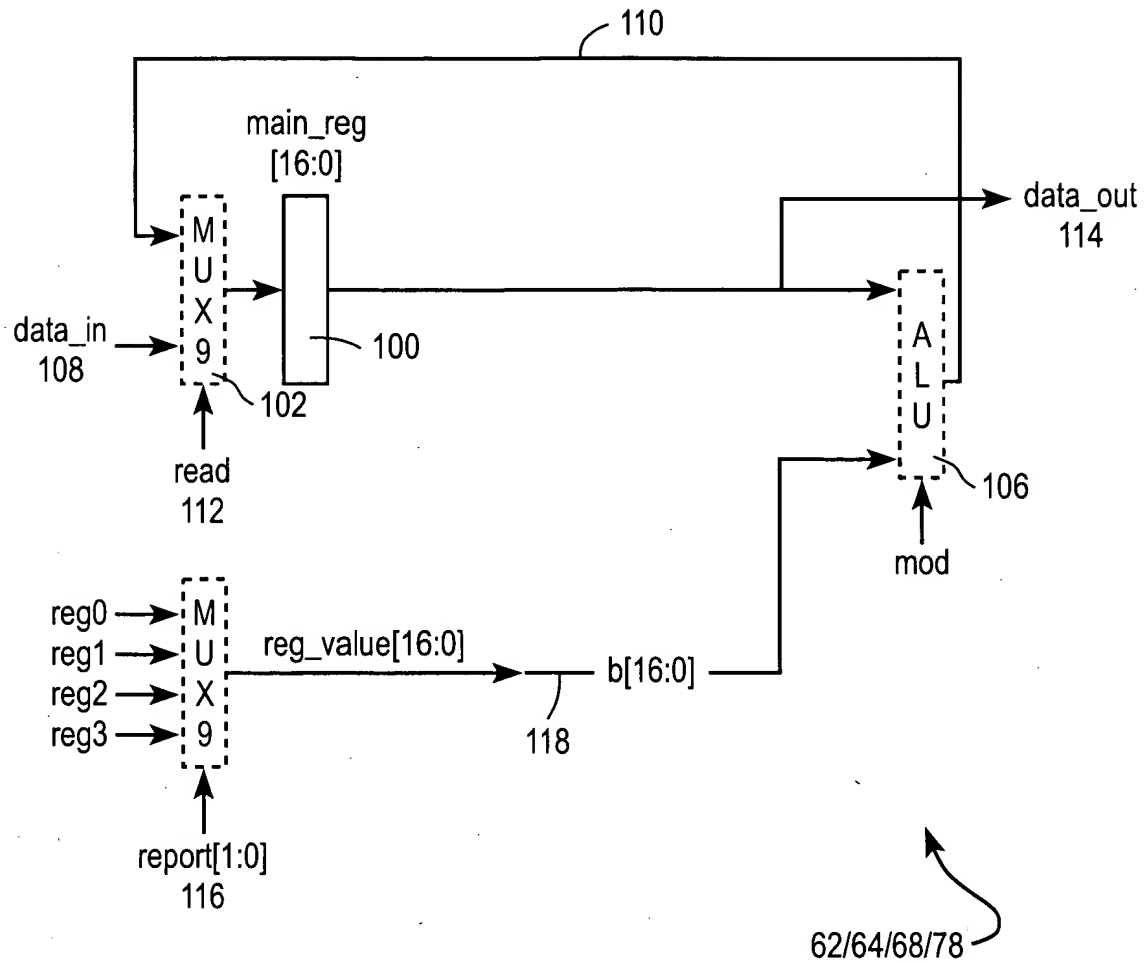


FIG. 4



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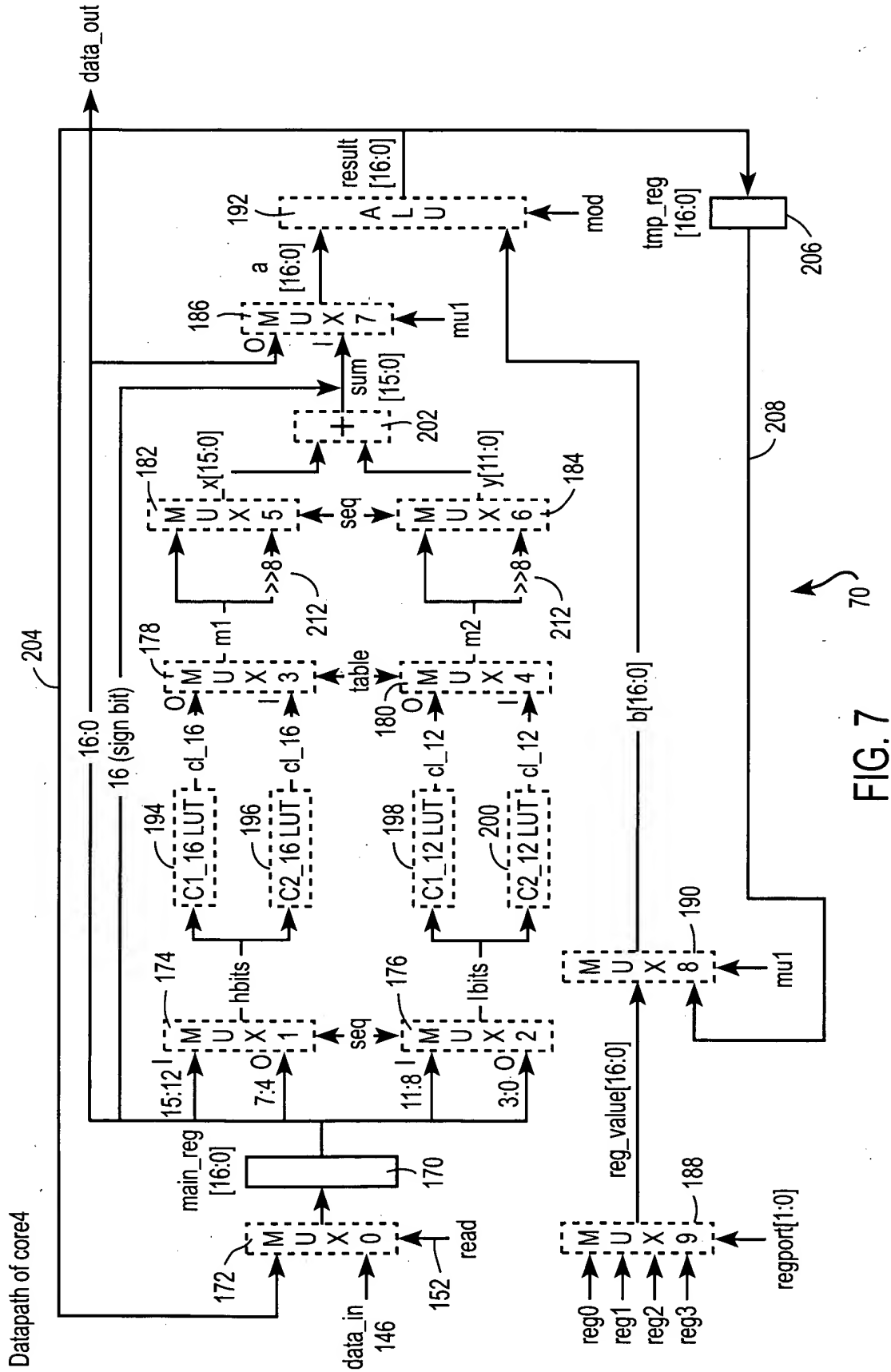


FIG. 7



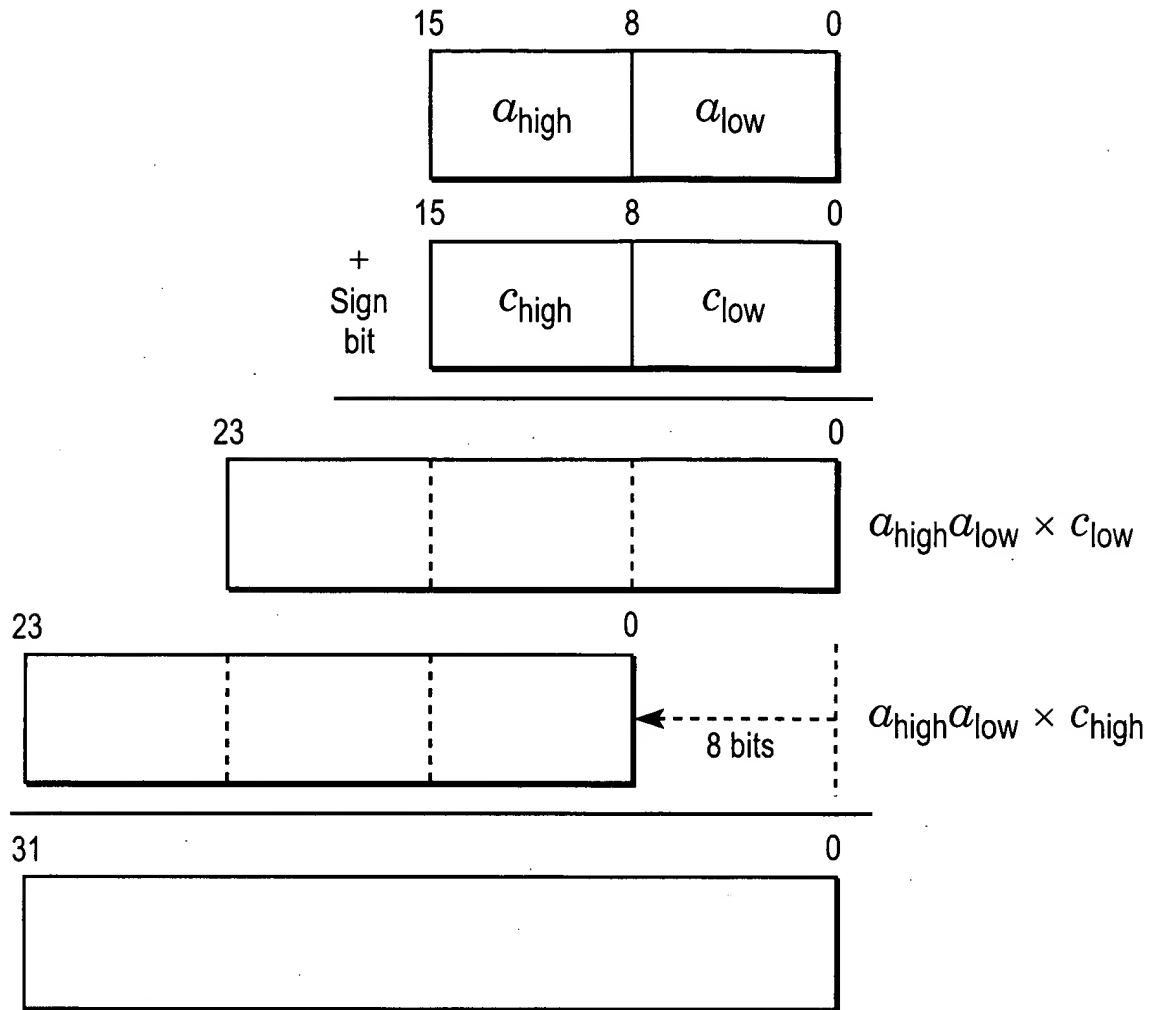
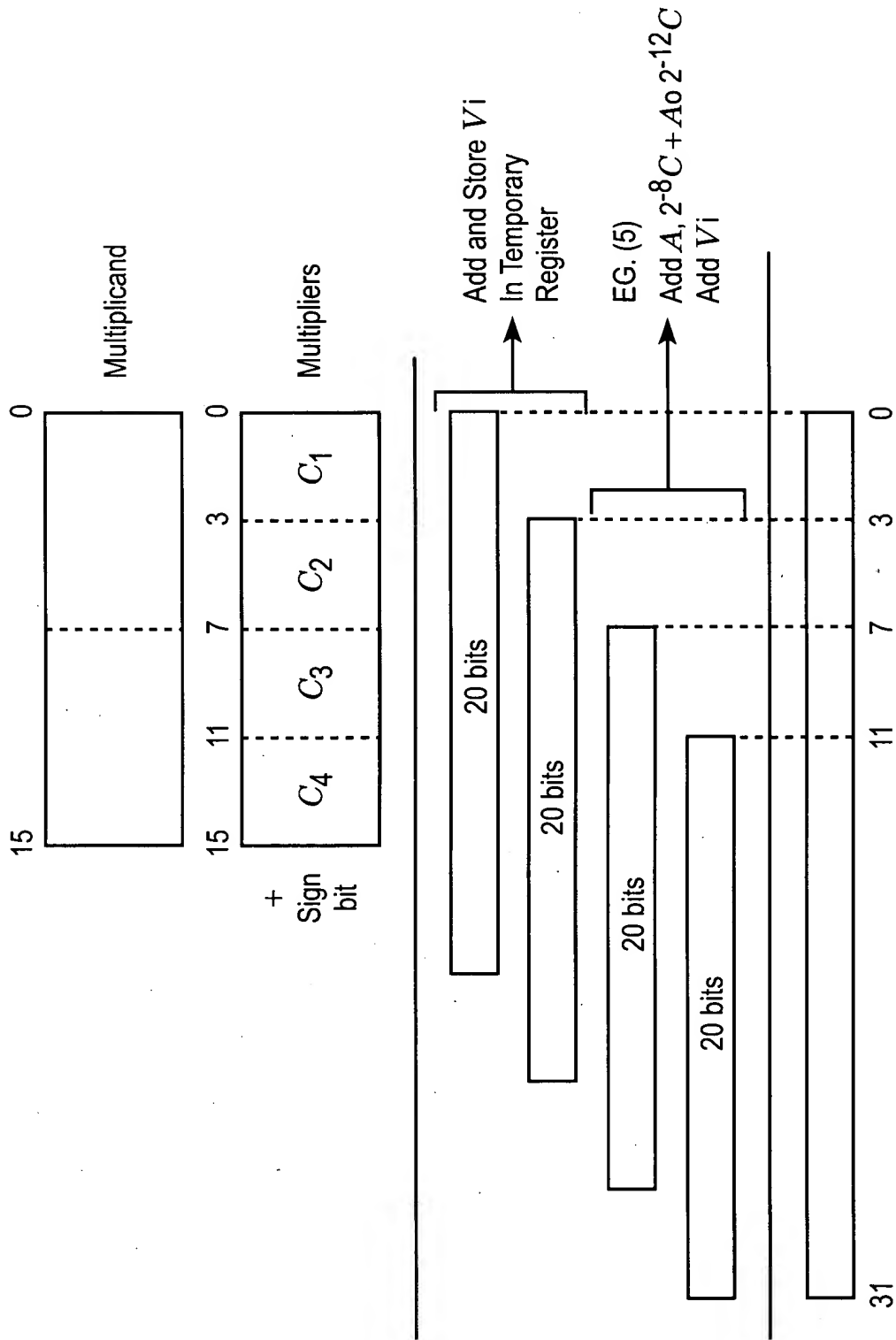


FIG. 8A



**FIG. 8B**

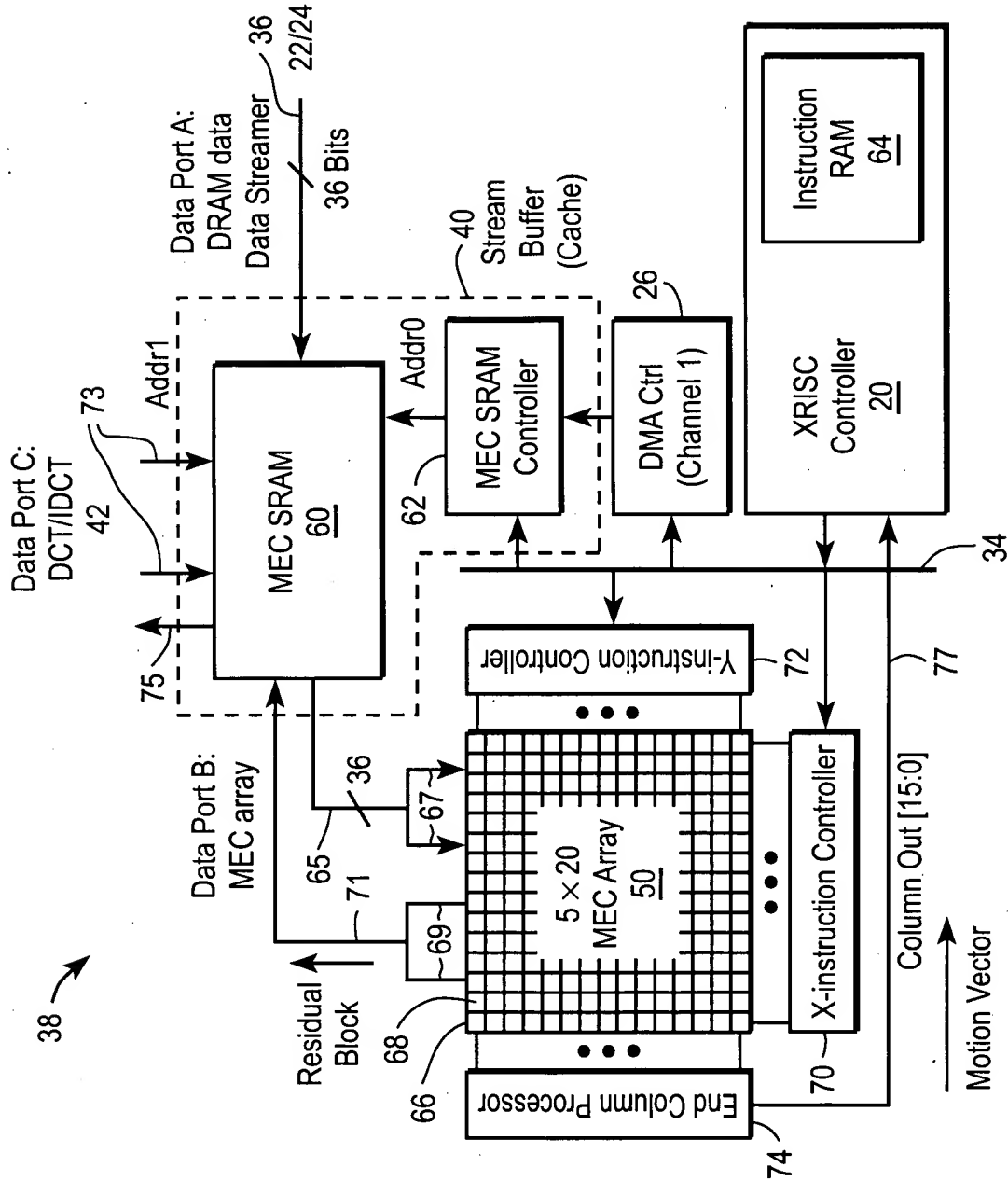
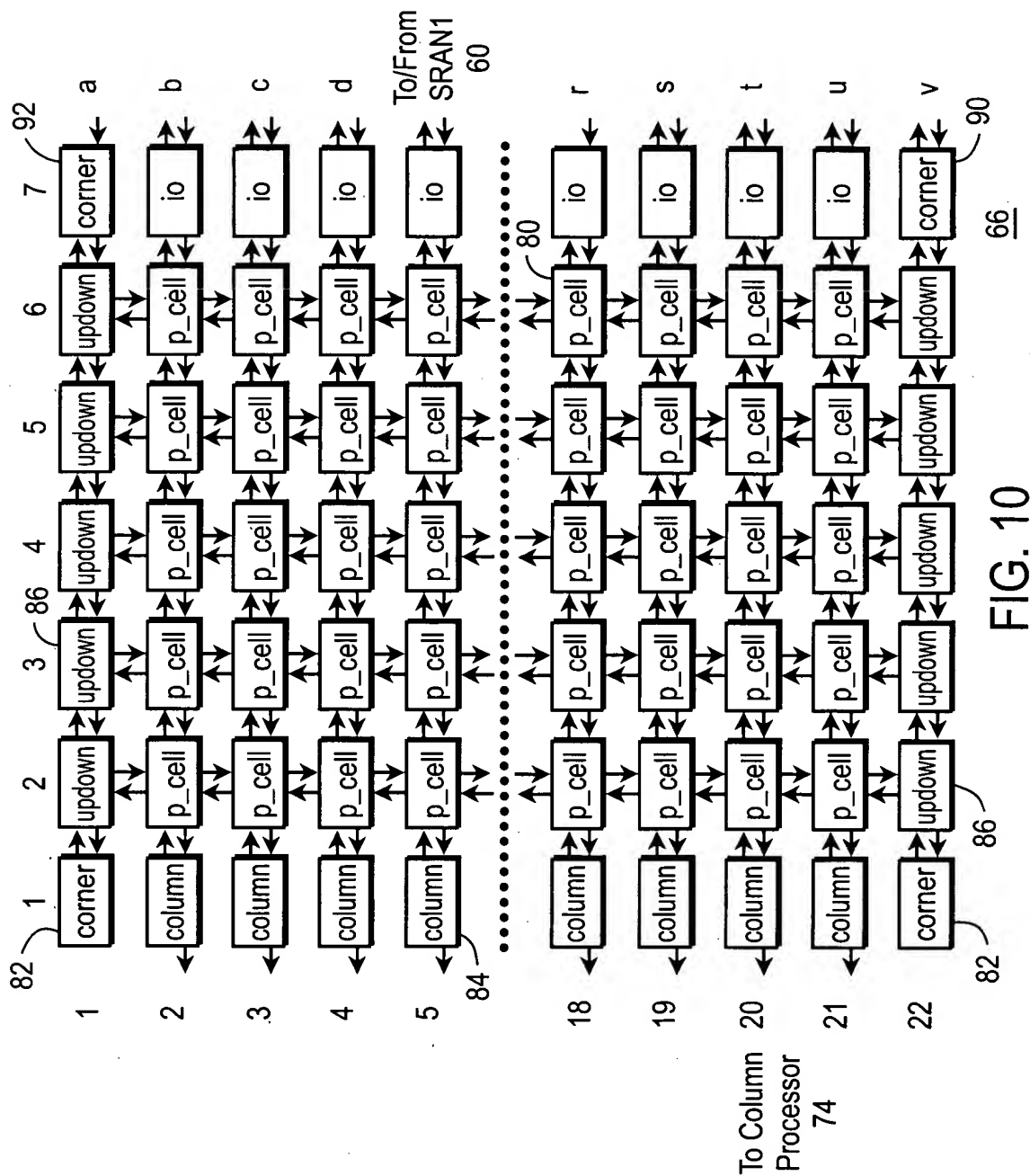


FIG. 9



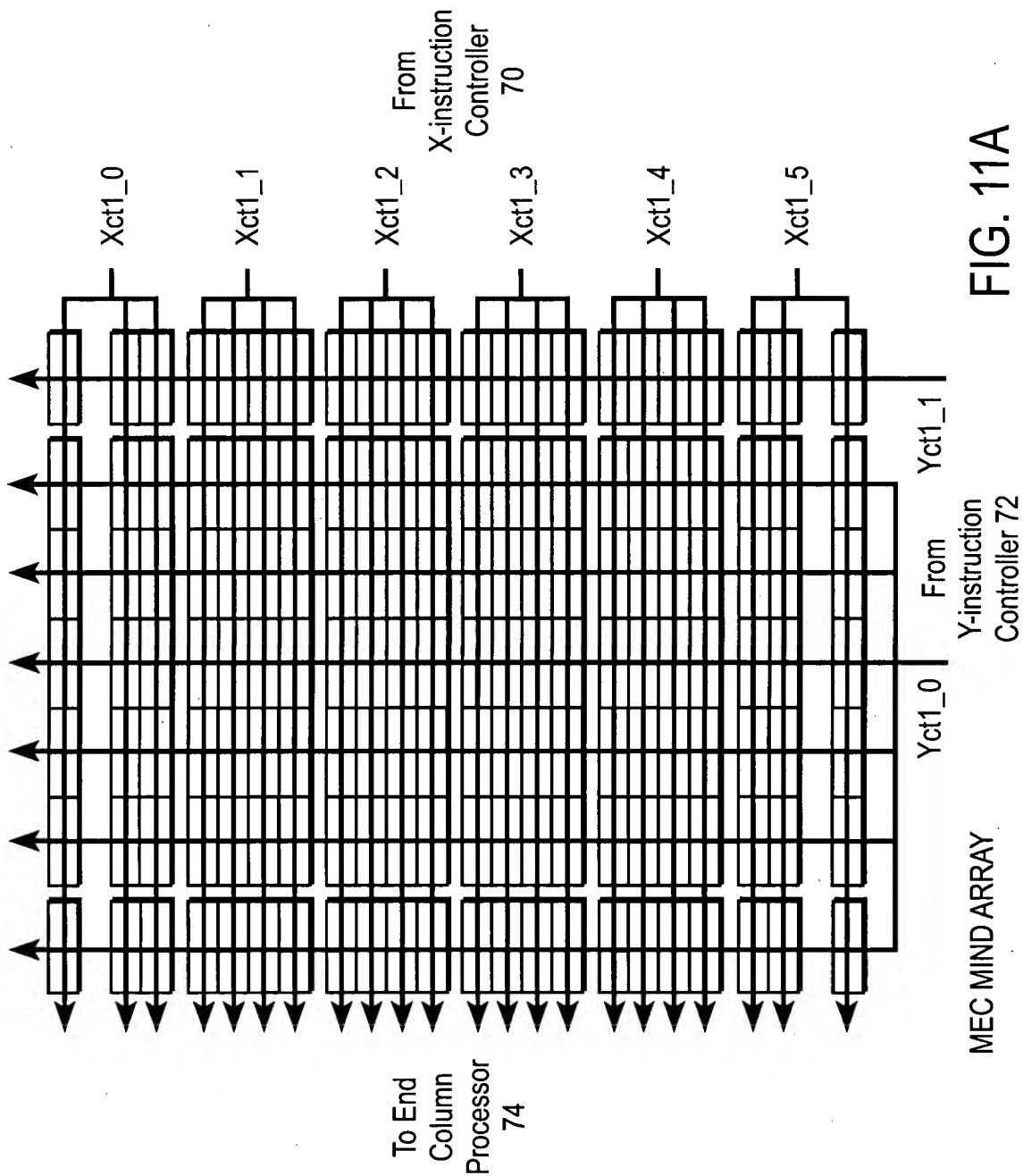


FIG. 11A

